

REMARKS

In the above referenced case, claims 133-156 are pending. Applicant will sequentially address the issues raised by the Examiner.

I. The Claim Objections

Claims 135, 141, 147 and 153 were objected to as being of improper dependent form. These claims have been canceled and these objections are now moot.

II. The 35 U.S.C. §103 Rejections

Claims 133-156 were rejected under 35 U.S.C. §103(a) as being unpatentable over Karasawa et al., U.S. Patent No. 5,200,843 ("KARASAWA") in view of Konno, U.S. Patent No. 4,497,015 ("KONNO").

The Examiner relied on KONNO for rejecting certain limitations in element [a] of independent claims 133, 139, 145 and 151 and relied on Figure 1 of KARASAWA for all other elements.

Amended independent claim 133 recites at least the following element:

[c] combining more than two altered separate beams of electromagnetic energy into a single collinear beam of electromagnetic energy without substantially changing the altered selected predetermined orientation of the chosen component of the electromagnetic wave field vectors of the plurality of portions of each of the separate beams of electromagnetic energy and without previously subcombining any plurality of the altered separate beams of electromagnetic energy;...

As will be shown below, Applicant respectfully submits that KARASAWA fails to disclose at least element [c] of claim 133.

Figure 1 of KARASAWA discloses a system where the green and blue beams are combined first by a first combiner (10), and then the green and blue combined beam is combined with the red beam by a second combiner (11).

The blue colored light transmits through the blue color transmitting dichroic mirror 10 and then is reflected by the red color transmitting dichroic mirror 11. The green colored light is reflected by the blue color transmitting dichroic mirror 11 and red color transmitting dichroic mirror 11. The red colored light is reflected by the light reflector 6 and then is transmitted to red color transmitting dichroic mirror 11. The projection lens 12 receives multi-color synthesized light and enlarges the image for display onto front screen 13.

KARASAWA, col., 5, lines 32-41.

Thus, KARASAWA does not disclose or suggest combining more than two separated electromagnetic energy beams as recited by claim 133. Rather, KARASAWA involves first creating a subcombination of two of the beams.

Consequently, Applicant respectfully submits that KARASAWA cannot disclose or suggest element [c] of claim 133.

Based on the foregoing, claim 133 should be in condition for allowance

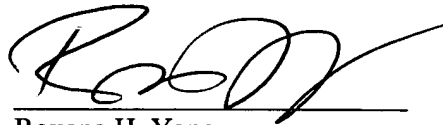
Independent claims 139, 145 and 151 have been similarly amended as claim 133. Based on the foregoing arguments for claim 133, Applicant respectfully submits that all pending claims are now in condition for allowance.

III. Conclusion

In view of the foregoing, it is respectfully submitted that the application is now in condition for allowance. Should the Examiner believe that a telephone interview would help advance the prosecution of this case, the Examiner is requested to contact the undersigned attorney.

Respectfully submitted,

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